

Rat Mannose Binding Lectin C ELISA Kit | MBL-C elisa kit

Rat Mannose Binding Lectin C ELISA Kit

CATALOG #
AAA15958

REACTIVITY
Rat

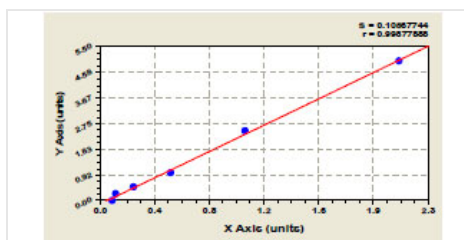
PRODUCT SYNONYMS

Mannose Binding Lectin C; Rat Mannose Binding Lectin C ELISA Kit; MBL-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Sandwich (Quantitative)
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for MBL-C elisa kit

Intended Uses: This MBLC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat MBLC. This ELISA kit for research use only!

Principle of the Assay: MBLC ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for MBLC. Standards or samples are then added to the microtiter plate wells and MBLC if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of MBLC present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for MBLC are added to each well to "sandwich" the MBLC immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain MBLC and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MBLC concentration in each sample is interpolated from this standard curve.

Product Categories/Family for MBL-C elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754656
NCBI GeneID	17195
NCBI Accession #	NP_034906.1
NCBI GenBank Nucleotide #	NM_010776.1
Molecular Weight	25,957 Da
NCBI Official Full Name	mannose-binding protein C
NCBI Official Synonym Full Names	mannose-binding lectin (protein C) 2
NCBI Official Symbol	Mbl2
NCBI Official Synonym Symbols	MBL; L-MBP; MBL-C; MBP-C
NCBI Protein Information	mannose-binding protein C; RARF/P28A; mannan-binding protein; mannose binding lectin (C); RA-reactive factor P28A subunit; mannose binding lectin, liver (C)
UniProt Protein Name	Mannose-binding protein C
UniProt Gene Name	Mbl2
UniProt Synonym Gene Names	MBP-C; RARF/P28A
UniProt Entry Name	MBL2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mbl-c-rat-elisa-kits/mannose-binding-lectin-c/15958>